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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Aly A. Farag et al.

Title: SYSTEM AND METHOD FOR 3-D DIGITAL RECONSTRUCTION OF AN ORAL CAVITY FROM A SEQUENCE OF 2-D IMAGES

Docket No.: 1160.012US1

Filed: April 26, 2001

Examiner: Cliff N. Vo

Serial No.: 09/842,587

Due Date: February 6, 2003

Group Art Unit: 2671

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Technology Center 2600

Commissioner for Patents
Washington, D.C. 20231

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ Amendment and Response (8 pgs) including authorization to charge the additional claims fee of \$138.00 to Deposit Account 19-0743.
- ☒ A Clean Version of Pending Claims (8 pgs).

If the additional fee is required due to changes to the claims, the fee has been calculated as follows:

CLAIMS AS AMENDED						
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Present Extra	Rate	Fee
TOTAL CLAIMS	26	-	20	6	x 9.00 =	\$54.00
INDEPENDENT CLAIMS	7	-	5	2	x 42.00 =	\$84.00
[] MULTIPLE DEPENDENT CLAIMS PRESENTED						\$0.00
TOTAL						\$138.00

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this 4th day of February, 2003.

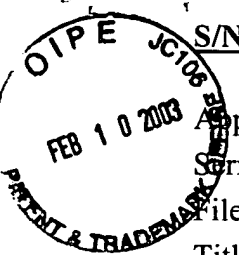
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S/N 09/842,587

PATENT

#6
Amendment
2-19-03
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AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

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Sir:

Applicant has reviewed the Office Action dated November 6, 2002. Please amend the above-identified patent application as follows.

IN THE CLAIMS

Please substitute the claim set in the appendix entitled "Clean Version of Pending Claims" for the previously pending claim set. The substitute claim set is intended to reflect amendment of previously pending claims 1, 5, 8, 11 and 20, and addition of new claims 21 - 26. The specific amendments to individual claims are detailed in the following marked up set of claims.

- Sub B1
1. (Amended) A computerized method for dental imaging comprising:
receiving a plurality of two-dimensional images of a oral cavity; and
generating at least one three-dimensional image of the oral cavity from the plurality of two-dimensional images, including:
generating shape-from-shading (SFS) data and range data using the plurality of
two-dimensional images; and
processing the SFS data and the range data to generate the at least one three-
dimensional image.

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02 FC:2201

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